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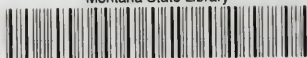
TENTH ANNUAL REPORT
OF THE
BOILER INSPECTOR
OF THE
STATE OF MONTANA
FOR THE
YEAR ENDING NOVEMBER 30th, 1898.

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Report of State Boiler Inspector.

Office of State Boiler Inspector.

Helena, Montana, December 1, 1898.

To His Excellency Robert B. Smith, Governor of Montana.

Sir:—In compliance with law, I have the honor to submit herewith the tenth annual report of the Boiler Inspection Department, setting forth the money collected within the year from all sources, the disbursements, the number and grade of licenses issued, and to whom; together with such recommendations as at this time seem to me most essential. In pursuance of law further defining my duties, it is gratifying that I have no boiler explosions to report. The chief purpose of the law creating this department was to prevent this character of accidents, so destructive to life and property. When it is known that outside of Montana the past year has been one of unusual disaster in this respect, the wisdom of the act would seem to be completely vindicated. For while we apprehend that because something does not occur in the face of an applied remedy, that the remedy is the cause thereof does not necessarily follow; still the necessity for a remedy arising, the wisdom of its selection rests on the non-concurrence of that sought to be obviated. And further, there is abundance of evidence in the correspondence on file from stationary engineers in not less than a dozen states which contain requests for information as to the conditions which they might be examined under the provisions of Montana's law, at the same time stating were they in possession of a license issued from this department they would be assured of a more lucrative position.

The expense to the state of the department is met (and during the two years of your excellency's administration a surplus of \$1,764.11 has been turned into the state treasury) by a mere pittance imposed upon each engineer licensed, supplemented by a small fee collected from the owner or from the user of each stationary boiler examined. Of the latter it would seem pertinent to state that those who contribute by far the greater portion of the boiler inspection fees collected by this department yield them with the least disapproval.

In consideration of the above, I am sorry to report to your excellency that the help and means provided the department are not adequate to the complete and thorough discharge of the duties obligated by the provisions of the law. I would therefore recommend that an additional assistant inspector be appointed and that a suitable appropriation be given this department to cover his salary and expenses; or, if this be deemed unwise at this time, that at least an appropriation of not less than \$3,500 per year be provided for the office and traveling expenses of the department, for were it possible for me during certain seasons of the year to turn over the clerical work of the office to a competent clerk, it would, perhaps, afford the relief necessary at

this time. From a monetary standpoint, the state would be benefited by the increased appropriation in the additional amount of fees it will enable the department to earn, and what is of greater moment, the prosecution of the duties imposed by law could be more efficiently and completely accomplished.

I would also recommend that Section 561 of the Political Code be amended so as to read as follows:

Section 561. When complaint is made against an engineer holding a license from the inspector, that he, through negligence, want of skill, or inattention to duty, permitted his boiler to burn, or otherwise to become in bad condition, or that he has been found intoxicated while on duty or in the operation of steam machinery, through incompetence, inattention to duty or criminal carelessness, injures life or property, it is the duty of the inspector or the assistant inspector to make a thorough investigation of the charge and upon satisfactory proof of such charge to degrade or revoke the license of such engineer. The inspector and assistant inspector must, as often as convenient, publish a notice in some suitable newspaper, stating upon what days they will be in certain specified localities, and that they will then and at the time and place specified in such notice, receive applications and make examinations for the purpose of granting engineers' certificates, and that they will examine all boilers subject to inspection in the vicinity of the place appointed.

Also that Section 566 of the Political Code be amended so as to read as follows:

Section 566. That this article does not apply to locomotives in Montana, nor to boilers used in heating private houses, nor to any boiler having a capacity of five horse-power or less; nor are locomotive engineers or persons operating any of the boilers herein exempted from the operation of this article required to procure licenses from the inspector or the assistant inspector.

Also that Section 563 of the Political Code be amended by inserting after the phrase "when connected" the following:

Provided, That where such boilers are situated within the limits of any incorporated city, the fee for inspection shall be five dollars for each boiler inspected.

Attached to this report will be found tables showing in detail the receipts and disbursements of this department and the work accomplished by it during the year, as well as a condensed recapitulation of work done since 1891, as contained in the last two annual reports, and carried down to date.

In conclusion, I wish to reiterate the acknowledgements made in my last annual report, of the faithful and conscientious assistance rendered by Mr. James H. Dailey, Assistant Boiler Inspector, and also to make thankful acknowledgement to the owners and users of plants inspected, as well as to the engineers in charge, who, in the prosecution of my duty, extended to me every courtesy and cheerfully gave me valuable assistance.

Respectfully submitted,

FRANK A. BURNS,
State Boiler Inspector.

REPORT OF STATE BOILER INSPECTOR.

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Recapitulation of work performed by the Boiler Inspector Department from November 30, 1890, to November 30, 1898.

Year.	Total Receipts.	Total Expenses.	Deficiency.	Surplus.
1891	\$4,515.00	\$6,997.44	\$2,482.44	.....
1892	4,450.00	6,498.25	2,048.25	.....
1893	4,665.50	6,571.21	1,905.21	.....
1894	5,038.00	6,557.05	1,519.05	.....
1895	5,913.00	7,141.26	1,234.20	.....
1896	6,906.00	7,199.60	293.60	.....
1897	6,962.50	6,199.19	.....	763.31
1898	7,493.00	6,492.20	.....	1,000.80

FINANCIAL

Statement for the year ending November 30, 1898.

RECEIPTS.

From appropriation—

For Inspector's salary	\$2,000.00
Assistant Inspector's salary	1,500.00
Traveling expenses	2,000.00
	————— \$5,500.00

From Office Receipts—

From —

28 original first class licenses	210.00
89 original second class licenses	445.00
263 original third class licenses	789.00
22 reissues of first class licenses	165.00
41 reissues of second class licenses	205.00
40 reissues of third class licenses	120.00
1,158 renewals	1,158.00
Cuts and rejections	171.00
642 boiler inspections	4,230.00
	————— \$12,993.00

REPORT OF STATE BOILER INSPECTOR.

DISBURSEMENTS.

Salary of Inspector	\$2,000.00	
Salary Assistant Inspector	1,500.00	
		\$3,500.00
Traveling expenses	1,555.27	
Office rent and supplies, Helena	204.73	
Office rent and supplies, Butte	240.00	
		2,000.00
Amount paid into state treasury		7,493.00
		\$12,993.00
Salary of Inspector as fixed by laws.....	\$2,400.00	
Amount of appropriation	2,000.00	
		400.00
Balance due Inspector		
Salary of Assistant Inspector as fixed by law.....	1,800.00	
Amount of appropriation	1,500.00	
		300.00
Balance due Assistant Inspector		292.20
Amount paid by Inspector in excess of appropriation		
Total amount due department		\$992.20

The total surplus for the year is \$1,000.80, the amount due as above having been included in the statement of expenses for the year.

In conducting the boiler inspections the total number of miles traveled was 19,050; the number of visits made, 875; the number of boilers examined, 656; the number of boilers examined externally and internally and pressure hydrostatically applied, 642. In these inspections 4,469 defects were noted, 1,203 of which were considered dangerous and suitable repairs were recommended. Sixteen boilers and seven mud drums were condemned as unfit for further use.

REPORT OF STATE BOILER INSPECTOR.

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The following is a classified list of defects noted:

Nature of Defect.	Noted.	Dan-gerous.
Cases of incrustation and scale	415	69
Cases of internal corrosion and pitting	180	32
Cases of external corrosion and pitting	12	3
Broken stays and braces	35	35
Loose and defective stays and braces	56	16
Furnaces defective	23	12
Cracked plates	14	14
Crystallized plates	8	5
Blistered and bagged plates	60	18
Defective rivets	1,840	217
Leaky tubes	1,521	625
Defective setting of water column	15	15
Defective blowoffs	16	5
Safety valves overloaded	122	122
Defective safety valves	25	8
Boilers with cutoff valves between safety valve and boiler...	3	3
Defective pressure gages	124	14
Totals	4,469	1,205

Number and Grade of Licenses and to Whom Issued.

Name.	No.	Grade.	Name.	No.	Grade.
Armstrong, P. H.....	276	3	Allen, T. A.....	714	3
Adams, Ed.	231	1	Arnold, M.	897	1
Anderson, John P.....	250	1	Allen, J. W.....	1037	3
Albert, Ed.	180	3	Andrews, A. H.....	653	1
Allen, John	214	3	Allen, Geo. M.....	1198	1
Abercrombie, W. T.....	425	3	Albert, Ed	909	3
Adams, Frank E.....	321	3	Anderson, R. V.....	1150	2
Avery, Geo. D.....	440	1	Allphin, Thos.	1096	3
Allen, Roy S.....	581	2	Arthur, Geo. W.....	1343	1
Anderson, J. E.....	571	3	Anderson, Chas.	1259	3
Axtell, E. B.....	620	3	Atkisson, J. H.....	1299	3
Allinquist, J. G.....	794	2	Andrews, James	1237	2
Anderson, O. B.....	660	3	Allyn, Geo. S.....	1240	2
Allen, W. D.....	775	2	Adams, Wm.	1304	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Andrak, Henry	1395	1	Bowden, John	278	3
Anderson, Soren	1519	1	Beebe, Wm. A.	318	3
Aken, Frank E.	1553	3	Baker, Wm. L.	304	3
Alexander, G. D.	1509	2	Boehen, R. H.	511	2
Actis, Isidore	1471	3	Beynon, Evan	387	1
Allen, Wm. H.	765	3	Blon, Henry	401	3
Allen, Martin D.	287	3	Briney, M. H.	456	1
Angevine, Daniel	1651	2	Bramard, Jas. A.	491	2
Ashley, E. J.	1484	3	Bendixen, Carl B.	430	1
Avery, A. W.	1459	1	Bowden, Wm.	484	2
Anderson, John M.	1500	3	Bertsch, Louis	580	3
Andrews, Joseph	1566	3	Beeran, Chas.	567	3
Adams, Joseph	1499	1	Browning, L. J.	379	3
Adams, Joseph	90	3	Burns, Albert A.	406	3
Ainsley, John	87	1	Bucks, Herbert B.	397	3
Alexander, Albert	194	2	Burns, E. F.	428	1
Arps, George	68	2	Benolkin, John	429	3
Anderson, C.	107	3	Berryman, Wm. H.	437	3
Anderson, Archie	17	2	Burns, F. A.	467	3
Bond, John H.	183	1	Bourne, Fred	685	2
Bennett, Frank B.	358	1	Bloom, J. D.	427	1
Bennett, C. E.	176	1	Brounson, B. E.	667	1
Bartzen, Joseph	259	3	Baker, I. W.	506	1
Buchanan, B. A.	114	2	Bitner, Wm.	752	3
Baron, Chas.	340	3	Brown, Peter	644	2
Breen, Peter	265	2	Bitner, Wm. E. Jr.	507	3
Benjamin, R. P.	242	2	Bachant, Joseph	549	3
Brosious, J. E.	133	2	Bauerlin, Geo. F.	559	2
Boring, L. H.	134	1	Burklund, John A.	558	3
Burns, Frank A.	451	1	Bailey, Thos. H.	528	3
Barker, Geo. W.	350	2	Brustel, Geo.	587	2
Brown, Wm. R.	291	1	Botton, E. R.	634	3
Bachman, Albert	273	2	Bolitho, Thos. H.	521	3
Barnicoat, J. H.	478	3	Brunnett, Frank J.	857	2

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Betz, Peter	696	2	Bunt, Alfred	1087	3
Bullen, Marshall	594	2	Benson, W. A.....	607	2
Blakely, Jas. A.....	670	1	Butts, Geo. H.....	1030	2
Bennet, Josiah	578	1	Burton, H. C.....	1171	3
Bates, W. S.....	968	2	Barr, Alexander	1200	3
Blinn, Geo.	876	1	Baker, Geo. M.....	1066	2
Barrett, Thomas	882	3	Baker, Henry	961	3
Boehlke, C. H.....	782	3	Barker, Chas. C.....	1006	3
Bennet, Joseph	760	3	Birnie, Peter	913	1
Baldwin, Samuel	1654	1	Brody, Michael	1052	3
Boehler, Chas. A.....	649	3	Boardman, W. H.....	1073	2
Batchelor, T. E.....	728	3	Bell, Wm.	932	3
Brown, P. L.....	717	2	Bottler, Floran	1260	3
Briney, J. E.....	777	1	Burbach, Gustave	1253	3
Brushmahan, C.	438	1	Brousseau, Harry	1314	2
Blodgett, Frank	795	2	Bennet, R. L.....	1095	2
Bowlen, F. C.....	999	1	Baker, Edward	1152	3
Bowden, Rich	1013	1	Burlingham, N. R.....	1133	3
Backus, John T.....	811	1	Bradley, C. E.....	1107	3
Bond, Geo. W. A.....	954	1	Bowen, W. R.....	1118	2
Bolman, Robt.	1033	1	Bishop, Sam.	1330	1
Botter, J. J.....	993	2	Behan, Thos. F.....	1329	1
Brophy, Thos.	1025	1	Balmak, John D.....	1337	3
Bailey, Frank	1029	1	Barret, John J.....	1083	1
Bullock, Wm. J.....	1035	1	Briggs, O. A.....	1540	2
Bartlett, Arthur T.....	962	3	Bridges, James D.....	1250	3
Bartlett, Glenn	963	3	Burkitt, W. S.....	1201	1
Beaulieu, Paul	902	3	Bigelow, A. D.....	1385	1
Buckner, Jas. M.....	732	1	Bergstrom, Aug.	1223	3
Bye, And.	1207	2	Barr, Thos.	1447	3
Burkhard, Nick	1146	1	Bullard, Miles W.....	1400	3
Brisbin, L. H.....	1248	3	Bulger, John	1531	2
Bott, Wm.	1041	1	Blackburn, C. A.....	1344	2
Bowman, Chas.	1168	3	Brynne, Axtel	1326	1

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Brown, J. C.....	1224	3	Bell, E. N.	136	1
Brown, Samuel	1367	3	Byomstad, Carl	146	3
Bellstone, Peter	1365	3	Boodman, Edgar	27	2
Bowen, Wm.	1309	2	Buckanan, Geo.	151	3
Biathrow, E. D.....	1404	1	Bennet, Henry	131	3
Buterman, N. J.....	1388	2	Betts, J. H.....	95	3
Burton, P. S.....	1568	2	Blackwell, E. J.	89	3
Bell, John T.....	1387	2	Boles, Frank	60	2
Bond, John	1325	2	Bates, A. C.....	65	3
Bailey, J. C.	1443	3	Congdon, G. S.	232	1
Bliss, Arthur E.....	1522	1	Creer, Aug.	243	1
Bennett, Wm. M.....	1489	3	Currie, Donald B.....	219	2
Baker, Edward	1473	3	Crook, Louis	221	1
Burlinghan, H. P.....	1431	2	Craig, Jas. M.....	195	3
Boone, Oscar	1437	3	Crunnickan, Jos.	220	1
Beeran, Chas.	1476	2	Church, A. W.....	254	2
Black, Robt.	1478	2	Cleveland, Chas. E.....	212	3
Bramwell, S. L.....	1371	3	Cowan, Sam. M.....	173	2
Bentley, Wm. P.....	1621	2	Carrier, James A.....	322	2
Beaver, L. T.....	155	1	Curran, James R.....	377	3
Beeley, Frank	885	3	Choinard, Frank	457	1
Bowhay, E.	1361	1	Cliff, B. F.....	403	2
Bowhay, Mike	1549	3	Chase, E. R.....	482	1
Bowhay, Chas.	1550	3	Cox, Chas. H.....	386	1
Bailey, E. K.....	1542	2	Caron, John O.....	424	2
Boyd, James C.....	1528	1	Crowley, Timothy	492	3
Boyce, Geo.	1593	3	Courtney, Eugene	575	1
Bradley, G. M. T.....	1585	3	Connihan, James	551	3
Barnes, Peter	1607	3	Carey, David C.....	1401	3
Blake, Geo. P.....	1618	2	Costello, Wm. F.....	596	3
Bullock, Allen J.....	1633	2	Cunningham, E. M.....	597	2
Bench, Mack	48	2	Conrad, J. L.....	623	3
Balloon, H.	98	1	Cahill, Dennis P.....	601	3
Bennett, Wm. B.....	57	2	Cole, John	603	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Conner, J. A.....	604	3	Combo, Patrick	1333	1
Cain, O. T.....	613	2	Cowan, Robt. N.....	1170	1
Carley, D. H.....	698	2	Chapin, Homer S.....	1177	2
Corby, Joseph	678	1	Campbell, J. E.....	1445	2
Carlstbob, Robert	848	1	Curran, John	1246	3
Combo, Jerry	561	1	Copeland, John	942	1
Clark, Arthur B.....	669	3	Corrigan, Geo. J.....	1160	3
Clark, Patrick	866	3	Connolly, Martin	1205	3
Cummings, J.	534	3	Clerkin, Patrick	934	2
Clergy, Louis	829	2	Cavanaugh, James	938	3
Combo, Dan	598	1	Criswell, N. C.....	1124	2
Comstock, M. A.....	773	2	Carson, Robert	1130	3
Cabben, Mike	697	3	Crierman, W.	1131	3
Curdy, James	715	3	Cody, John	1105	3
Clapper, Geo. W.....	971	3	Curtis, E. J.....	1117	3
Coll, Frank	982	1	Curtis, Geo.	1295	1
Clark, B. W.	990	1	Cunningham, J. F.....	1262	1
Cook, John W.....	980	2	Carroll, E. P.	1521	1
Coy, John J.....	1031	2	Carter, Jerry	1393	2
Clark, W. S.....	892	2	Cullen George	1335	1
Corbett, Maurice	845	1	Coale, John O.....	1426	1
Carney, John	868	3	Claybourne, Wm. P.....	1241	1
Collier, J. A.....	888	3	Connelly, J. W.....	1278	2
Clergy, Louis J.....	973	1	Combo, James	1407	2
Conner, J. B.....	742	3	Cranston, Chas. S.....	1263	2
Corbley, Wm. A.	907	2	Carter, Peter	1290	3
Cleary, Jas. E.....	1062	1	Campbell, Kenneth S.....	1394	1
Copely, Thos.	1178	3	Cosgrove, John	1355	3
Cash, Grant	896	2	Campbell, Dan. R.....	1238	3
Cummings, Alonzo	1189	3	Converse, W. C.....	1226	2
Carlson, Nels	1017	2	Collins, Jas. J.....	1363	3
Copeland, T. A.....	1028	1	Carlson, J. T.....	1441	2
Cosgrove, James	906	3	Campbell, Jas. P.....	1410	2
Caron, John	928	2	Collins, James P.....	1320	1

Number and Grade of Licenses—Continued.

Name.	No.	Grade	Name.	No.	Grade.
Cahill, Wm.	1391	2	Dixon, John	542	1
Cothrell, James	1602	2	Davis, Philip	474	2
Constans, Alfred E. W.....	1376	2	Dond, A. H.....	754	2
Carney, Hugh	1359	1	Drago, Louis A.....	680	1
Colins, H. C.....	1417	3	Davidson, C. E.....	588	1
Clark, Frank S.....	1372	3	Drummey, J. F.....	701	1
Charteris, J. M.....	1449	2	Dougherty, Jos.	605	2
Colton, Edward	24	1	Dinneen, Wm.	602	3
Combo, John	1591	1	Deacon, Geo. M.....	875	3
Connor, John	1613	2	Daimpre, Geo.	616	3
Carney, Frank	103	2	Davis, Morgan	778	1
Carney, Frank	1624	2	Drake, Chas. W.....	886	2
Carl, E. P.....	1541	1	Donaldson, August	656	3
Curry, Mike	1608	3	Day, George A.....	786	3
Churchill, J. L.....	42	1	Delaney, C. R.....	611	3
Christofforson, C.	167	2	Deamond, Rich J.....	871	1
Chase, J. M.....	110	2	Dickson, Robt.	747	3
Chapin, J. N.....	162	1	Dunn, John J.....	750	2
Cotter, Louis	140	3	Dunbar, Stanley	1072	2
Carrie, J. G.....	54	2	Dean, A. J.....	1085	3
Cole, Robert	100	3	Donavan, James	1048	1
Cowell, J. S.....	119	3	Dart, J.	1005	3
Creighton, Jos.	124	3	Dilabough, D. N.....	911	1
Davidson, F. G.....	135	2	Daniels, R. L.....	917	3
Denning, C. E.	263	3	Duffy, John	1065	3
Donne, Benj.	328	1	Dunleavy, H. W.....	1291	3
Dornier, Fred. J.....	275	1	Diamond, Robt. C.....	1167	1
Dickinson, H. D.....	277	3	Driscoll, Frank	1144	2
Denney, Geo.	316	2	Drury, Ira	1277	3
Doyle, T. A.....	489	2	Dewey, W. G.....	1129	2
Davidson, Jas. E.....	408	1	Deering, Maurice	1342	1
Drackart, C. E.....	454	3	Duncan, John W.....	1395	1
Davidson, A. S.....	424	3	Devine, Dan	1284	2
Daniels, R. L.....	392	3	Davies, Geo. R.....	1211	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Davies, John M.....	1376	2	Egeberg, Carl	1081	3
Driscoll, Dennis	1492	3	Erickson, Erick	723	3
Donne, Joseph	1475	3	Else, Wm. C.	812	2
Dexter, W. O.....	1485	3	Erickson, Erick	1091	2
Dee, Martin	1627	1	Edick, W. H.	1173	3
Dilley, A. C.....	1636	2	Evans, Robt. R.	1143	3
Darlington, W. J.....	1598	1	Edwardson, Gilbert	1268	1
De Ronde, W. C.....	1498	3	Erickson, O. F. W.....	1267	3
Dussault, Leon	1643	2	Edwards, J. C.....	1375	3
Dunn, Ed. J.....	179	2	Erskine, Wm.	1327	3
De Camp, Chas. H.....	84	1	Emmons, R. E.....	1236	3
Dewyer, James	149	2	Evans, Richard	1438	1
Doyle, And.	75	1	Eldredge, Geo.	1435	2
Driscoll, John C.....	79	1	Early, John	1457	3
Driscoll, John D.....	72	3	Fenn, Wm.	197	2
Dudley, Sam. W.....	1360	3	Falkman, James C.....	226	2
Donavan, Thos.	1308	2	Fisher, Wm. J.....	171	1
Erickson, Chas.	223	1	Furbush, Wilsey	177	3
Estey, John F.....	256	2	Flood, J. E.....	225	3
Else, Wm. H.....	255	1	Faduloof, Geo. E.....	279	3
Erott, Geo.	368	2	Francis, Eugene	307	3
Ensinger, Wm.	364	1	Folkeseth, A. M.....	305	3
Edwards, H. F.....	505	1	Fezzey, Wm. J.....	370	2
Ellis, J. T.....	434	2	Folkins, E. W.....	373	3
Enright, Theo.	590	3	Free, Geo. A.....	330	3
Ellis, A. W.....	681	2	Free, Jas. H.....	346	3
Ely, E. A.	622	3	Forbes, Walter	378	3
Ennis, Robt. J.....	762	1	French, H. A.....	352	2
Ecklund, J. A.....	1506	2	Floyd, Wm.	301	2
Elliston, James	684	2	Freyler, Herman	206	3
Evans, Wm. C.....	844	2	Fitschew, Gus	285	3
Everett, J. S.....	779	3	Ferguson, Martin	288	3
Enroth, Peter	756	2	Fox, James	364	3
Eikenberg, H. M.....	1000	2	Foster, Samuel B.....	394	2

Number and Grade of Licenses—Continued.

Name	No.	Grade.	Name.	No.	Grade.
Foster, J. D.....	439	2	Folkeseth, Hans	1513	2
Fleischman, Chas. A.....	464	3	Folson, J. E.	1488	3
Fitzgerald, A.	560	2	Flesher, G. D.	1374	2
Fairbanks, Chas.	523	2	Fetts, Jas. B.....	70	1
Feen, C. C.....	421	3	Fricks, M. F.....	154	3
Fagan, Jos. F.....	509	3	Frank, Theo.	58	3
Fuller, Chas. W.....	555	2	Fraser, Daniel A.....	152	1
Frazer, J. R.....	834	3	Foy, Peter H.	93	2
Frorringer, Dan.	671	1	Fortman, C. H.	43	3
Fisher, A. C.....	296	2	Fortman, C. H.	1641	3
Farrel, Mike	81	1	Futter, H. B.	713	2
Foley, John S.....	790	2	Gilman, Chas.	159	2
Furbush, W. S.....	772	2	Galagher, James	163	3
Fitzgerald, John	1060	2	Geary, Thos.....	200	3
Furlong, Geo.	1024	1	Galloway, Wm. D.....	334	3
Foley, Wm. H.....	985	1	Gassmer, H. J.	290	3
Fredenberg, Geo.	997	3	Graves, Thos. B.....	306	3
Friel, Miles	998	3	Goddard, Chas. C.	426	1
Falmer, John	724	3	Gaskill, F. I.	480	2
French, Olin C.	903	3	Gormley, Pat. I.	466	3
Fisher, John P.	1032	2	Goodner, Wm. H.	382	3
Ferris, John F.....	1012	2	Green, Wm. H.	483	3
Fetter, Ed. E.....	1043	3	Green, Thos.	531	2
Farrel, Chas. H.	1054	3	Gillis, Malcolm	638	1
Flynn, M. D.....	1076	2	Gardner, Samuel	579	1
Fletcher, Joseph G.....	922	3	Griffin, Thos.	519	1
Fluhman, Albert	1158	2	Geer, S.	610	3
Fallis, John	1184	2	Greenwalt, W. A.	767	2
Florrs, Gus. H.....	1324	2	Gignese, Henry	825	3
Fee, John A.	1225	3	Gwoodelhofer, John	791	2
Flannigan, F. J.	1537	1	Gilsdorf, A. J.	721	3
Forrest, L. F.....	1448	1	Greinert, Henry	722	3
Fox, E. G.....	1557	2	Gates, J. B.	964	1
Folkins, R. L.....	1386	1	Gurtlsen, Max	1918	1

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Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Gamackhe, T. J.	1051	2	Ganter, Thos. J.	1530	1
Green, Peter	878	1	Garwood, J. L.	1495	1
Guernien, John	955	1	Grubbs, C. L.	1218	2
Griffith, W. A.	854	2	Gray, L. A.	1338	1
Godfrey, Ernest	912	2	Griffith, David	1453	1
Guibor, F. A.	885	2	Gibney, Michael	1574	3
Goodman, Chas.	984	2	George, Jule	1622	3
Gray, Chas. W.	1011	2	Geiger, Wm. J.	32	3
Garland, Thos.	810	3	Graulich, Herman	1650	3
Green, G. R.	749	3	Green, Henry	1533	2
Gray, Wm.	1002	1	Gillespie, H. J.	18	1
Gray, Joseph	918	1	Garr, W. D.	86	1
Greig, James	920	2	Graham, Alex.	2	2
Gilmore, R. H.	925	3	Gallagher, Pat.	116	3
Green, W. J.	927	3	Gillis, Neil	143	3
Gillanders, Alex.	1378	1	Gennan, Albert	45	1
Green, Geo.	1187	1	Graeser, Wm.	33	3
Gunbille, Elem.	1288	1	Graeser, Wm.	1580	3
Grover, L. H.	1126	2	Griffith, Thos.	16	2
Gussenhoven, Jos.	1204	3	Griffith, Thos.	1468	2
Gardiner, M. J.	1099	3	Hensler, John P.	175	1
Gamble, M. E.	1147	3	Hooper, J. F.	235	1
Gray, A. H.	1134	3	Holland, Fred	138	1
Gervais, Nelson	1101	3	Heslop, R. A.	215	1
Goss, Frank F.	1112	1	Hoadley, E. J.	234	1
Grinnell, A. J.	1298	2	Hoadley, C. E.	233	3
Gillis, Angus	1252	1	Hailey, M. F.	182	3
Green, P. P.	1446	3	Houston, John A.	184	3
Goldie, John	1418	3	Humphrey, H. J.	203	3
Godfrey, S. A.	1419	3	Hanley, John	213	3
Gallagher, Wm. J.	1228	2	Hosken, Wm. H.	391	1
Groves, G. W.	1306	3	Hoskins, Jos. E.	367	1
Garvey, C. C.	1486	3	Hamma, Chas.	353	3
Gregory, Wm.	1416	2	Horne, Stanley	266	2

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Hanley, John	272	2	Hall, W. H.	746	3
Harris, Wm. H.	345	1	Hafner, Chas. L.	847	1
Hoskins, B. A.	311	3	Howell, Thos. W.	915	1
Hayes, Edward S.	260	3	Heslop, Jos.	1021	1
Hartwig, Peter	356	3	Hilgeson, Hans	935	3
Hillman, John	369	1	Harrington, J. J.	1185	2
Hudson, Frank J.	526	1	Hagerty, John	1069	3
Hartwell, Chas.	543	2	Hanson, John	1071	3
Hearn, C. S.	524	3	Hanson, H. C.	1075	3
Hafner, C. F.	419	2	Hangate, Dan.	924	3
Hardwick, R. A.	470	1	Harris, C. W.	1183	2
Hokenson, A. C.	764	2	Hamilton, John	1092	1
Hanson, C. L.	554	1	Hollingsworth, W. L.	1156	1
Howell, N. F.	553	3	Harris, A. L.	1217	2
Harvey, Pat	687	1	Hall, N. A.	763	1
Hoar, Jos. G.	768	1	Hollingsworth, Thos.	1213	2
Huffman, Victor	761	1	Holland, John	1261	1
Hartwell, D. J.	805	1	Hyatt, Frank S.	1286	2
Howle, Philip	837	2	Hocking, Wm. H.	1251	3
Hughes, E. N.	636	2	Holland, John J.	1265	2
Harper, Leroy	780	1	Haslan, James	1135	3
Hutchinson, F. H.	666	2	Hawken, Chas.	1195	2
Hunt, A. J.	819	2	Hamilton, Wm.	1106	3
Heffner, W. H.	727	2	Hanson, S. C.	1424	2
Hulburt, W. M.	706	3	Hinds, James	1321	1
Hruza, Wm.	708	3	Higgins, Frank J.	1358	2
Hugo, Wm. L.	823	1	Hawley, John J.	1524	1
Heal, Thos.	1004	3	Huser, Harry	1377	2
Hunter, John	801	1	Howard, H. G.	1382	3
Huddleston, Jos.	1036	2	Hartford, John E.	1339	2
Howard, John	1003	3	Hultburg, Carl. A.	1229	3
Hiltz, W. H.	900	3	Heerin, Frank P.	1401	3
Harrington, Jerry	965	2	Hoxey, T. D.	1257	3
Horsford, M. B.	807	1	Hart, Martin	1231	2

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Hoffman, John	1222	3	Ievin, Norman	718	2
Hawley, L. H.	1362	3	Irvin, Jas. A.	977	2
Horsford, C. W.	1301	1	Ivey, Wm. D.	1009	3
Hug, John	1302	2	Ivemson, Geo. W.	1157	2
Haniman, Henry	1515	2	Jonasson, Benedict	191	1
Holland, Wm.	1588	2	Jenkins, Chas. K.	157	1
Hackett, James	1454	3	Joyner, C. A.	236	2
Heelan, M.	1639	3	Johnson, John	196	1
Halverson, John	1630	2	Jenkins, Dan.	202	3
Henry, Albert	1634	3	Johnson, Louis	178	3
Hubbard, L. J.	1642	3	Jourdain, L. J.	227	2
Hill, Chas.	36	1	Jones, David B.	209	3
High, J. T.	67	1	Jemison, A. J.	332	1
Hunter, Thos.	76	3	Jones, Griffith	372	2
Howe, Albert P.	72	1	Jewell, Leroy	335	3
Haxton, Royal	109	2	Joy, William	509	1
Hocking, John	40	2	Johnson, C. S.	460	3
Holzheimer, John	28	3	Johns, Wm. H.	449	1
Hoskins, Wm. C.	188	3	Jilbert, Joseph	621	2
Hennesey, Arthur	117	3	Jacob, Thos.	630	3
Hanson, J. E.	130	3	Judgem, Thos. H.	550	2
Hirsch, Louis	92	3	Jenkins, Wm.	633	3
Hewltburg, Wm.	106	3	Jackson, C. A.	759	1
Hopkins, Edward E.	94	2	Jones, Henry	730	3
Hill, Wm. H.	69	2	Juul, C. W.	835	1
Hewitt, John	398	1	Jones, W. G.	677	3
Hood, Samuel	503	2	Jones, J. W.	758	3
Hobbs, C. R.	381	2	Jones, Wm. D.	806	1
Hackett, John	447	3	Jones, D. E.	893	2
Hetherington, J.	450	1	Johnson, John	846	3
Hoffman, Christ	493	3	Jones, John	738	3
Harrington, Phil	137	2	Jones, Ed.	919	2
Irvin, Bryan	271	2	Johnson, Hans	1174	2
Innes, Robert	632	3	Jefferson, Wm.	1162	2

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Jackman, H. L.	923	2	Kent, A. F.	335	2
Jones, Griffith	933	2	Kendrick, Peter	342	1
Jackson, John E.	1172	3	King, John L.	281	3
Jennings, Dan.	1285	2	Keefe, James	283	3
Johnson, Edward	1296	2	Kent, W. G.	357	3
Johnson, Edward M.	1214	3	Kennedy, John	359	2
Johnson, Otto	1127	3	Kitto, W. J.	414	3
Johnson, H. B.	1206	2	Krinick, C. W.	424	1
Jones, H. E.	1105	2	Killgon, M. D.	471	2
Johnson, P. S.	1266	2	Kennedy, Michael	564	3
Jackson, O. P.	1297	3	Knight, Thos.	513	3
Jarvis, Jas. W.	1408	3	Kessler, Rich	612	2
Jorgenson, Rasmus	1345	1	Kerr, Hiram J.	695	2
Jones, John R.	1381	3	Keenan, Peter C.	838	1
Johnson, Herman	1235	3	Kelly, R. P.	890	1
Jenkins, Wm. H.	1368	3	Keiser, Aug. C.	798	2
Jackson, Seth	1587	2	Kane, John	988	2
Jose, A. J.	1559	1	Kiley, John	1526	1
Johnson, T. L.	1561	1	Keefe, John	967	2
Jensen, Balzar	1439	2	Kulzleb, Robert	969	3
Jackson, John	1487	3	King, W. A.	958	3
Jones, Leonard	1451	2	Kelley, Jas. H.	436	3
Joiner, H. S.	1632	1	King, James	891	2
Johnson, C. A.	1631	2	Keating, Wm.	975	3
Johnson, C. A.	81	2	Kanard, H. H.	899	1
Jacko, Chas.	1564	2	King, Samuel	1142	3
Jones, Jos. H.	12	2	Kohnen, Hubert	1109	3
Johnson, Chas.	49	1	Kelly, T. J.	1116	3
Johnson, P. P.	1617	3	Kyle, Rufus P.	1203	1
Johns, Bert	161	2	Klosowsky, Anton	1336	2
Jensen, John W.	85	2	King, Geo. W.	1128	2
Jensen, S. R.	97	3	Kelly, Chas.	729	3
Johnson, Sol.	102	3	Kent, John	1159	1
Keiser, John	169	2	Kellogg, Custer	1254	2

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Kendall, P. F.	1281	3	Lynes, Robert	415	2
Kilburn, Wilsey	1389	2	Leishman, Wm.	465	3
Keefert, Robert	939	1	Lyons, Wm. B.	504	2
Kleinschmidt, Albert	1318	3	Lupz, H. J.	462	1
Kachelhofer, J. M.	1310	1	Longtain, S.	577	1
Kamherer, Chas.	1325	1	Lubert, Frank	576	3
Krodel, John	1634	1	Lynch, Thos. ...	614	2
Krodel, John	8	1	Lindstrom, Aug.	535	3
Kelly, Chas. O.	1645	1	Larson, C. A.	537	2
Kolbenson, M.	1611	2	Lesage, John	827	1
King, G. C.	1367	3	Lappin, Henry	858	2
Kerby, Gus.	1579	3	Lloyd, Henry	673	3
Kranz, Mat	1645	3	Lowre, Wm. E.	1036	2
Kennedy, J. A.	142	3	Laidlaw, Chas. P.	628	1
Kochler, Max. E.	10	2	Lininan, J. J.	1082	3
Kuntsen, Chas.	11	3	LeGraff, J. C.	983	1
Kennedy, Geo. W.	13	2	Lewis, Chas. W.	1020	2
Keiser, John B.	800	1	Lawson, Wm. W.	831	2
Knecht, C. W.	249	3	Lyon, D. W.	862	2
Leggat, Robert	241	1	Lemm, H. H.	972	3
Lenhart, C. C.	274	1	Lewis, John R.	1055	1
Lawler, Wm.	216	3	Liddey, H. S.	1166	1
Lalande, Jos.	432	2	Lyford, Chas. A.	1084	2
Litton, H. B.	417	2	Larson, Peter	1080	3
Lundgren, Elof	19	3	Lebon, And.	1088	3
Lyle, Thos.	381	3	Lacy, Bert	931	3
Lynch, Jerry	344	2	Lindsey, John B.	1179	1
Lally, John	286	3	Lyons, James J.	1202	1
Lucas, W. E.	324	2	Leherkind, Walter	1097	2
Lubke, Anthony	413	1	Lindlahr, Henry	1121	3
Long, James C.	476	1	Lathrop, Frank	1149	2
Lynn, Geo. B.	527	2	Latton, John	1151	3
Lannan, Jas. M.	472	2	Langendorf, Chas.	1154	3
Lynch, John	383	1	Locke, Manuel D.	1136	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Lindlahr, Chas.	1119	3	Milan, John F.	374	3
Lindsay, B. M.	1312	1	Magill, C. C.	295	2
Lake, Fred. E.	1383	1	Mulligan, H. B.	348	2
Levens, James P.	1379	2	Morcom, A. E.	313	2
Lenihan, Thos.	1346	2	Mills, John	485	1
Lacy, Frank E.	1366	3	Mapes, W.	390	2
Lamson, Alfred	1512	1	Moran, Richard	473	1
Landon, H. P.	1422	1	Medlin, J. S.	500	2
Larson, John L.	1610	3	Matterson, E. W.	510	2
Larner, T. H.	1452	1	Molloy, John	565	3
Longstaff, J. A.	1606	3	Malee, Thos.	400	2
Lewis, Rich. H.	1543	2	Morlan, F. E.	380	2
Likes, C. M.	1560	3	Morris, W. M.	395	3
Law, J. T.	1220	1	Miller, Alex.	445	3
Lund, F. M.	1609	2	Maury, B. J.	418	3
Lundborg, John	1518	2	Myers, John R.	423	3
Legg, Wm. D.	1523	3	Murphy, Peter	453	2
Linmer, John J.	1474	2	Messey, Wm.	468	3
Lyon, Chas. C.	1482	3	Mehrens, Wm. G.	469	2
Lewis, Geo. B.	111	1	Merwin, Samuel R.	497	2
Longmaid, Chas.	52	1	Meier, F. H.	665	3
Lyth, Martin	59	1	Montgomery, J. B.	751	2
Lees, Samuel N.	46	1	Mulloy, Michael	639	3
Larkin, Edward	1483	3	Mackey, F. W.	584	3
Mealey, W. R.	298	2	Mayne, James B.	490	3
Manley, Michael	174	2	Morrow, John H.	475	3
Martin, Henry W.	251	2	Miller, Frank C.	582	2
Manthey, Adolph L.	193	1	Meany, Dan. H.	452	2
Moen, Ole	237	3	Mellott, Martin J.	691	3
Murray, Simon D.	165	3	Mooney, Wm.	494	3
Marsh, Alfred H.	204	1	Medlin, John	631	3
Mahoney, Jerry	208	1	Morris, John	627	3
Moore, Wallace	132	2	Martin, John Jr.	547	2
Mosburg, N. S.	337	2	Monroe, John C.	541	1

Number and Grade of Licenses--Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Marsh, David E.	609	3	Molley, E. F.	1114	3
Morris, Joseph	796	3	Miller, C. M.	1111	2
Mason, W. M.	809	2	Mitchel, J. W.	1114	3
Morrison, J. R.	991	1	Mitchell, John E.	1414	2
Metcalf, E. H.	688	1	Muir, Alex.	1331	2
Matteson, M. C.	652	1	Madden, R. J.	1356	2
Mueller, Andrew	682	3	Murphy, James R.	1319	1
Mannion, Timothy	852	2	Mitchell, James W.	1046	3
Mosehrneyer, Herman	784	2	Madson, Andrew	1274	3
Murphy, James J.	783	2	Martin, Thos. H.	1280	2
Murphy, Mat	776	3	Murray, Michael	1341	2
Montgomery, John	648	2	Minckler, John F.	1353	3
Molstad, Adolph	700	1	Mitchel, Chas. C.	1340	1
Merser, Philip	711	3	Merwin, H. N.	1582	1
Messner, Martin	953	2	Middleton, G.	1569	3
Meagher, Alex.	863	2	Muhlig, B. C.	1539	3
Molloy, Wm. D.	981	1	Morris, John J.	1547	3
Monley, John	23	1	Modric, Jos.	1402	2
Merritt, E. W.	1010	1	Mollony, Mike	1532	2
Martin, James	703	3	Miles, A. C.	1584	2
Mott, Cyrus H.	735	1	Montgomery, John	1462	1
Matthews, John W.	1001	2	Michaels, A.	1415	3
Mott, Wm. L.	737	2	Mead, Fred.	1436	3
Marks, Wm. G.	1019	1	Melugin, M. J.	1373	3
Martin, Chas.	1176	2	Mackey, Henry	1502	3
Moore, Peter	949	3	Monk, Lee	1503	2
Mueller, August	1045	3	Meadow, Wm.	1504	3
Mitchell, J. D.	908	3	Masterson, J. W.	1461	1
Murray, Robert	916	3	Murphy, James	61	3
Maddick, Fred.	1270	1	Marcille, Joseph	66	1
Martin, John H.	1190	2	Metcalf, L. G.	1640	2
Masel, J. C.	1169	2	Marshall, Daniel	1578	3
Munly, P. F.	1219	3	Matteson, D. C.	1570	2
Magrath, Thos.	1100	2	Murphy, M. C.	1548	1

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Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Manville, D. E.	1535	1	McConnell, Sam	698	2
Major, M. F.	143	2	McKenzie, S.	585	2
Martin, Wm. J.	88	1	McMullin, Thos.	626	2
Molsted, Frank	39	3	McLaughlin, Philip	566	2
Monahan, Hugh	139	2	McDonald, M.	568	1
Monroe, Milow	1605	2	McGynn, John F.	536	2
Mills, Henry	1	3	McGee, Chas.	664	1
Mills, Henry	1653	3	McAuliff, Wm. J.	881	1
Mason, Frank	31	2	McCabe, F. D.	702	2
Mather, E. E.	168	1	McFall, Patrick	824	3
Monohan, Pat.	120	3	McQuair, Jas. A.	861	2
Monohan, James	128	3	McVey, Henry	689	3
Morrison, A. R.	91	3	McGuire, D.	879	3
Miller, W. H. A.	50	1	McKeon, Jos.	826	3
McKenzie, Alex.	190	1	McDonald, Peter	898	3
McGuire, J. M.	230	2	McCullough, H.	870	2
McLoughlin, Jas. S.	217	3	McCullough, Frank	869	2
McDonald, A. A.	170	3	McEwen, M. J.	745	3
McGregor, A. G.	228	3	McMamra, John	1059	2
McNally, Thos.	201	3	McDonald, Geo. B.	1093	2
McMahon, Thos.	211	2	McGregory, Alex.	1165	2
McHugh, Pat.	299	2	McCune, A. F.	842	2
McGraph, Jas. R.	459	3	McMasters, F. R.	1245	3
McNichols, Jas.	539	1	McDonald, Jas.	1210	1
McKiernan, Wm.	308	1	McKinnon, V. J.	1357	1
McLeod, J. A.	399	2	McGregory, D. A.	1256	2
McKivett, Thos.	563	3	McIntosh, John	1175	3
McDonald, J. C.	293	2	McDermott, Pat. H.	946	3
McKay, Jas. A.	448	3	McDoughell, E. F.	940	3
McDonald, Dan.	516	1	McMannamy, W. P.	1161	3
McAuliff, Chas.	538	1	McLoughlin, J. M.	1098	1
McMannis, Jas.	520	1	McLane, R. D.	1294	1
McKinney, John	552	1	McPhail, John A.	1300	2
McDonald, Jas. G.	753	3	McDonald, John	1399	1

Number and Grade of Licenses--Continued.

Name.	No.	Grade.	Name.	No.	Grade.
McLoughlin, John T.	1505	2	Nash, E. H.	239	1
McDermid, Alex. A.	1412	2	Nelson, G. F.	258	3
McDonald, John A.	1305	2	Nettle, J. F.	333	3
McFeely, Jas. F.	1311	3	Nagle, John F.	293	1
McKierman, John	1313	3	Noll, W. H.	280	2
McCluskey, Wm.	1470	1	Newberry, John P.	461	2
McMillan, And.	1562	1	Nelson, Nels	384	2
McCormick, H. V.	1544	3	Naysmith, Jas.	444	3
McCary, Jas.	1390	2	Nelson, Frank	525	2
McCaul, T. F.	1432	2	Nimock, H. H.	600	3
McIvoy, Jas.	1494	3	Noble, Thos.	781	1
McDonald, A. A.	1496	2	Newton, H. G.	822	2
McKinnon, John A.	1465	3	Nickerson, D. C.	817	1
McCluskey, Jas.	1469	2	Neeley, E. H.	769	3
McMahon, Pat.	1501	3	Nevill, Jos. E.	668	3
McKenzie, John A.	1413	1	Nelson, Edward	719	3
McNamara, P. C.	4	2	Noble, T. J.	830	1
McDonald, Wm.	1614	3	Nelson, Nels	533	3
McDavitt, Michael	1609	3	Northey, Geo.	1044	1
McCabe, M. J.	1565	1	Norris, F. H.	856	2
McCullagh, F. J.	1573	3	Nash, Henry	1247	3
McFall, R. C.	1603	3	Nason, N. P.	1094	1
McDonald, J. W.	1637	3	Nand, R. R.	1332	2
McNamara, J. C.	5	1	Nash, A. J.	1397	2
McHale, M. L.	71	1	Nesbitt, Robert	1348	1
McDonnell, C. J.	3	2	Nolan, Thos. F.	1232	3
McDonald, J. E.	150	2	Nicholson, Geo.	1421	2
McNerney, Mike	122	2	Nightlinger, A.	1427	2
McDonnell, Miles	127	3	Nelson, Swan	1384	3
McMillin, John	793	2	Nelson, Christ	1571	3
McKelvey, A.	787	1	Needham, C. O.	1455	2
McCoy, Geo. H.	771	2	Noble, D. A.	1556	1
McDougal, D. A.	774	3	Noies, Holland	158	3
McDonnell, C. J.	655	2	Ogle, Thos.	351	1

REPORT OF STATE BOILER INSPECTOR.

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Oliver, J. H.	343	2	Palmer, C. E.	366	2
Ollier, P. F.	300	3	Pearson, Thos.	336	1
O'Neill, Wm.	410	2	Price, Jas. C.	267	3
Orth, Casper	385	3	Perkins, R. C.	338	3
O'Donnell, Jas. A.	496	3	Porter, A. C.	289	3
O'Donnell, Michael	562	3	Piersky, Jos. L.	323	3
Oswald, Geo.	646	1	Plumb, Wm.	320	3
Osborne, Chas. W.	853	1	Parry, D. E.	309	1
Ostelle, Wm.	690	3	Patterson, C. H.	375	3
Olson, John	625	3	Pearce, Chas. E.	412	2
Olson, Peter	792	3	Peterson, Louis	404	2
Orcutt, B. T.	889	1	Pollard, Edward	515	3
O'Grady, Dan.	951	1	Palmquist, And.	546	2
O'Rourke, Con. H.	1046	3	Punches, S. J.	586	1
O'Brien, J. D.	930	2	Poyson, J. F.	641	1
Ogilvie, Geo.	1586	2	Phillips, John	583	2
O'Grady, Geo.	1163	1	Prendergast, W. G.	570	3
Orr, Matthew	1153	2	Parker, J. S.	522	3
Orman, H. C.	1115	2	Perry, C. W.	617	3
Odman, Louis	1272	2	Poole, E. G.	619	3
Osborne, Chas. G.	1323	1	Plummer, B. F.	557	1
Olson, Eph.	1328	3	Pae, W. G.	832	1
Osborne, Richard	1409	1	Peterson, Jas.	840	1
Outhank, Joseph	1558	1	Pitts, Harry	789	1
O'Donnell, Anthony	1480	3	Pardue, C. M.	654	3
O'Leary, Thos.	1458	2	Pethybridge, W. H.	720	3
Olson, Olef	1577	3	Peters, John	895	1
Oswald, Wm. J.	80	1	Parish, John E.	987	1
Owens, Louis	187	1	Peterson, Louis	1078	2
Otto, Herman	113	3	Pearson, L. C.	959	2
O'Neill, Phil. N.	90	2	Porter, Robert	705	3
Opperman, G. J.	53	2	Pugh, James H.	874	2
Parrott, Lee M.	210	1	Pringey, Z. C.	1061	2
Pence, H. A.	405	2	Philpott, R. J.	1007	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Pascoe, E. J.	1275	3	Rossman, A. B.	329	1
Parker, Steve	1164	1	Rogers, Chas. H.	104	1
Potter, H. G.	736	3	Roddy, Peter	349	3
Powrie, Geo. W.	1137	1	Rodda, Thos. J.	310	3
Pickins, John L.	1089	3	Reese, Robert C.	355	2
Phillips, Thos.	1273	3	Rickell, Wm. J.	481	1
Paulsen, Paul	1197	3	Ritchie, John A.	363	2
Porter, Thos.	1216	3	Renick, H. W.	501	1
Perrant, Henry	1322	3	Royals, Henry	514	1
Powell, Chas. E.	1445	3	Redding, Geo. A.	545	2
Parken, Jos.	1597	1	Ryan, John H.	486	3
Porter, E. L.	1490	3	Regnor, A. W.	663	1
Pence, H. A.	1466	1	Renner, Frank M.	592	3
Prichard, Wallace	1450	3	Renshaw, H. W.	544	1
Palmer, W. F.	1123	3	Redding, Arthur	615	3
Pierce, W. H.	1125	3	Ross, Dan. G.	645	1
Perelopsky, John	1506	3	Ray, Robert Sr.	828	1
Petty, Jos.	6	1	Roland, Geo. B.	880	1
Petty, Jos.	1583	1	Roberts, S. D.	755	1
Perkins, Wm. H.	7	2	Russel, Claude	785	3
Poulson, Nels	1572	3	Ross, John R.	651	3
Pease, Wm.	1604	2	Rife, Frank	707	2
Peterson, Nels	1615	2	Ritner, Chas.	833	2
Perry, Wm.	1619	3	Range, John J.	1039	1
Pence, Eugene	22	3	Raggles, M. F.	960	1
Pierce, R. H.	35	3	Rische, John M.	816	1
Quinn, Frank A.	1416	1	Ramsey, F. P.	725	2
Rundberg, Miles	268	3	Rostum, Martin	709	3
Ramsey, Wm.	257	1	Roberts, Milo C.	1016	2
Redding, W. B.	229	2	Robinson, H. R.	887	3
Riley, D. C.	354	3	Rogers, L. F.	901	3
Ray, Jas. C.	145	2	Raider, Ed. H.	976	2
Rosse, Fred.	253	3	Reese, Jos. C.	733	3
Rourke, Jos.	431	1	Ray, John	743	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Ray, Robert C.	748	3	Reevers, K. M.	156	1
Ray, John	1027	2	Rutledge, Jas. O.	62	1
Rockliff, W. A.	914	1	Rogers, Wm. H.	64	1
Rundberg, Otto G.	945	2	Reyan, Mike C.	29	1
Ray, Robert Jr.	741	2	Ross, Geo.	56	2
Rathburn, C. E.	1279	1	Rooney, Martin J.	25	3
Reese, W. O.	1440	2	Reid, H.	112	1
Rowden, Chas.	1212	3	Ralph, Jas. H.	115	3
Ribbel, H. S.	1249	2	Reed, W. H.	47	1
Roberts, Frank H.	936	3	Ritchie, Samuel E.	26	3
Rogers, Roy C.	947	3	Regan, Daniel	30	3
Roehl, Paul	1103	3	Stipe, H. O.	327	1
Rowe, M. C.	1349	2	Schuler, E.	246	3
Richards, A.	1508	3	Schott, Austin	189	1
Rohday, A. J.	1244	1	Shea, B. J.	269	1
Rieslman, Jos.	1315	3	Saner, Wm.	294	1
Ryan, John H.	1243	3	Sullivan, Wm. H.	218	1
Richardson, R. E.	1239	3	Savage, Michael	172	2
Ryan, Jas. R.	1227	3	Sayrs, Frank D.	147	3
Ritz, Aug. F.	1369	2	Stevens, E.	181	3
Redding, A. G.	1516	1	Smith, Fred. A.	185	3
Riggs, E. W.	1392	1	Steele, A. J.	199	2
Rule, Wm. G.	1420	1	Steckler, Jas.	222	3
Rankin, John	1555	3	Swift, S. W.	205	1
Roberts, Wm. T.	1424	2	Storrer, David	339	1
Renshaw, C. H.	1477	2	Scott, Wm. G.	284	3
Rowe, John	1481	3	Silverman, J. F.	282	3
Reynolds, Thos.	1612	1	Sullivan, Jas. P.	361	1
Rogers, Geo. J.	1599	1	Smith, Frank D.	477	1
Robbins, Joseph S.	1529	1	Scallan, Thos.	458	3
Riley, Thos.	83	2	Sando, W. J.	499	3
Robey, Merrit	1638	3	Scott, David R.	657	3
Rogan, Wm. A.	1596	3	Schouwstra, E.	388	3
Ross, E. C.	44	1	Stansbury, Fred. W.	396	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade	Name.	No.	Grade.
Sutton, Wakeman	479	3	Spencer, John C.	1038	1
Scott, Wm. W.	495	3	Smith, J. J.	996	1
Shea, Jerry	207	2	Sulfridge, Dan. W.	850	1
Shanberger, J. O.	498	1	Steele, Jas. H.	797	2
Sims, H. E.	518	1	Spangler, J. M.	860	3
Smith, Ed. S.	589	2	Saley, Jos.	956	1
Shunk, Chas. W.	548	1	Sweeny, John	1023	2
Sterner, E. G.	573	3	Stabler, H. J.	1015	2
Sewell, John	529	1	Schander, M.	979	3
Schroger, T. E.	661	3	Snyder, Geo. E.	943	3
Smith, L. P.	574	1	Seaman, Fred. C.	995	2
Snyder, H. E.	572	3	Strand, Chas.	1063	3
Shultz, Geo. A.	608	1	Shehan, Jas.	1233	3
Sewell, J.	815	1	Shay, Walter I.	864	1
Smith, Jos.	686	3	Stevens, H. A.	883	1
Stephens, Jos. N.	637	1	Sawyer, C. R.	905	3
Siderfin, H. E.	689	1	Smith, Frank	970	3
Sincel, J. C.	989	2	Shea, Dan.	813	2
Stowman, E.	865	2	Schmidt, Otto	1040	1
Steele, Dan. B.	675	2	Sheridan, Jas.	1047	2
Schiiforan, J. A.	894	1	Sullivan, P. D.	1188	2
Schmittner, Wm.	331	1	Smith, T. H.	1182	3
Sullivan, M. K.	804	2	Sterling, Geo. P.	941	1
Smith, Robert M.	802	2	Swanson, Aug.	1090	3
Shea, Thos.	797	3	Statts, W. F.	1086	3
Smith, H. C.	770	1	Sanborn, Geo. B.	1070	2
Sungnist, Ole	674	3	Sprague, Luther	879	2
Stevens, Samuel	647	2	Staub, Mike	1074	3
Sullivan, Ed.	650	2	Stanhope, L. H.	921	3
Scott, Wm.	726	3	Seymour, A. T.	929	3
Schneider, Louis	712	2	Sullivan, R. D.	1181	2
Strong, Jos.	972	3	Sandy, Albert	1068	1
Schneider, Wm.	849	2	Smiter, Edwin	1199	1
Sullivan, J. M.	966	1	Smith, Thos.	948	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Sweeny, Oscar O.	1193	2	Sullivan, D. K.	1551	1
Sherwood, S. A.	950	2	Scrivens, Geo. W.	41	2
Spangler, N.	1264	3	Sweet, R. B.	1649	3
Sebastian, John	937	3	Settles, Roy	1594	3
Sweeny, John	1155	3	Sweel, Jacob	1576	3
Searight, L. N.	1002	3	Sanderson, J. J.	1589	3
Stingley, Oliver	1347	1	Smith, I.	1601	3
Shay, M. V.	1283	1	Sheridan, Geo. B.	1625	2
Shoburg, Gus.	1293	2	Smith, E. G.	1526	1
Stone, N. E.	1409	1	Smith, Geo. H.	9	2
Stevens, Peter A.	1258	1	Singer, J. A.	1623	2
Stipe, John R.	1398	1	Steffens, Henry	77	3
Schneiber, H. E.	1289	3	Sheehan, John	108	2
Sullivan, Jerry	1352	3	Smedley, Henry	141	2
Sherritt, B. B.	1120	2	Sherwood, F. N.	153	2
Stearns, V. J.	1242	3	Sheridan, Aug.	37	2
Smith, Wm. B.	1403	2	Serre, Louis	126	3
Swan, E. N.	1316	3	Spangler, Jacob	96	3
Schekenback, F.	1230	2	Shepherd, Geo. W.	101	3
Swanson, A.	1223	2	Sturock, Robt.	105	3
Standiferd, Ed.	1575	1	Sweeny, E. E.	63	2
Sullivan, Pat.	1514	1	Shoquest, R. W.	38	3
Steffe, Perry	1440	2	Stout, H. C.	362	3
Smith, W. H.	1620	2	Titus, S.	144	1
Simpson, Wm. C.	1406	3	Turner, Geo. R.	244	1
Southmayd, John B.	1554	3	Trainer, Thos.	270	2
Stanson, Peter	1467	3	Teskey, H. N.	20	2
Sullivan, F.	1430	2	Thorn, A. L.	160	1
Steele, Wm. E.	1510	1	Trainer, Thos.	247	1
Smith, Wm. F.	1497	3	Tucker, Wm. F.	402	2
Sullivan, Dan. P.	1472	2	Thompson, F. M.	302	2
Seymour, A. T.	1460	2	Thomas, Wm. H.	435	1
Spray, A. A.	1479	3	Trahair, Richard	455	3
Savage, Geo. H.	1464	2	Templeman, Sam.	238	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Thorn, Chas.	441	3	Thomas, Thos. E.	1292	1
Thompson, Frank	530	2	Tadd, A. H.	1269	2
Thomas, Wm. H.	595	1	Tucker, J. L.	1429	2
Thomas, John R.	517	1	Tiggerman, T. A.	1351	2
Tregoning, John	672	2	Torkelson, J. L.	1132	2
Thew, Thos.	683	1	Tangendahl, C.	1138	3
Taylor, S. E.	820	2	Toway, M. C.	1234	3
Trent, Geo. L.	716	3	Turner, J. E.	1536	2
Tullock, John H.	704	3	Thoen, A.	1592	2
Tyach, Wm.	986	1	Thompson, Chas.	1287	1
Thompson, Wm.	1058	1	Tibbitts, Ed.	1652	3
Thomas, James H.	803	2	Teter, G. E.	1648	3
Trotter, D. W.	957	1	Thorn, G. W.	166	2
Trobridge, Wm. H.	734	3	Tevlin, P. J.	129	3
Triller, Henry A.	904	3	Tippett, Alfred	51	2
Thomas, E. W.	1064	1	Umhang, Henry	376	2
Thomas, Peter O.	1049	2	Ullrich, Geo.	642	3
Treadway, Fred. C.	1083	2	Ullrich, G. M.	855	3
Tait, R. E.	1050	3	Urquhart, Finley	624	3
Tait, John E.	1057	2	Uhl, John	710	2
Turner, Earl	1053	2	Vincent, A.	365	2
Thetge, D. A.	1192	1	Vannier, F. A.	303	2
Thomas, Wm. H.	1191	1	Van Hove, John S.	556	2
Thomas, Thos. L.	1196	2	Vernon, John R.	643	3
Thomas, Richard	1056	2	Van Camp, Alex.	540	3
Tate, Steven	944	2	Van Etten, W. S.	252	2
Thompson, J. W.	926	3	Varner, Dan. A.	994	3
Thomas, R. L.	1148	1	Vernon, John R.	974	2
Thompson, L. P.	1122	3	Van Osdel, Wm. S.	910	2
Tully, Hugh	1004	2	Veen, Dirk	1271	3
Thornton, Jas. S.	1282	1	Vall, Herbert	1307	3
Taylor, Henry	1255	1	Vernon, Geo. W.	1444	1
Taylor, James	1372	1	Van Stone, Wm.	527	2
Travis, Thomas	1317	1	Wilson, Chas. A.	248	1

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Weber, F. G.	262	2	Wilkinson, Jesse	766	3
Wickes, A. J.	164	1	Williams, J. H.	839	1
Weber, John	192	2	Wellington, John	818	1
Wells, E. S.	261	1	Wilhite, J. H.	841	3
Weidman, Chas. T.	186	1	Williams, Richard	679	1
Watters, Wm.	245	2	Weigenstein, John	843	1
Wilkenson, L. F.	198	3	Wilson, Chas.	744	2
Wilber, Henderson	731	3	Warner, Chas.	867	2
Weyand, John	371	1	Wing, R. W.	683	1
Wilson, P. S.	341	1	Wyman, Chas.	629	1
Wallace, Frank	347	1	Williams, Chas.	593	3
Walton, Wm. G.	292	1	Williams, Wm.	676	3
Wright, J. W.	314	1	Warner, S. J.	788	3
Whitehead, C. R.	319	3	Wohlford, Henry	662	2
Wood, David	326	2	Williams, Thos.	952	1
Wilson, J. D. L.	312	3	Williams, E. E.	1042	1
Waggoner, A. W.	315	2	Winters, J. B.	836	2
Whaland, Pat.	317	1	Warren, Thos. J.	992	1
Webber, Jacob	360	3	Whipple, Sam. D.	851	2
Weldon, Louis	409	2	Weaver, J. B.	821	1
Wilderson, B. F.	297	2	Wescott, Wm. W.	977	3
Wethirill, H.	407	1	Wise, W. H.	729	3
West, Milo O.	420	2	Weisman, E. H.	740	2
Walsh, Pat.	487	3	Winwood, Abe.	1067	1
Watson, J. E.	463	1	Winwood, Thos.	1034	1
White, John M.	658	1	Wood, Chas. J.	1194	1
Woolsey, Wm. J. Jr.	618	1	Wraith, Geo. E.	1180	3
Waters, Geo. R.	433	1	Warren, Samuel	1014	2
Weir, Howard	757	2	Wells, Chas. A.	1008	2
Wilson, Martin	877	2	Weldon, Louis	1077	2
Withers, Fred.	532	2	Walsey, John	1186	2
Wood, Chas. L.	502	2	Woten, Wesley	1350	1
Wise, Norman	411	3	White, John W.	1139	3
Wyman, C. K.	659	3	Wald, Marshall	1208	3

Number and Grade of Licenses—Continued.

Name.	No.	Grade.	Name.	No.	Grade.
Wyse, C. A.	1110	3	Wilder, James	1546	3
Welsh, J. G.	1113	2	Wilson, J. W.	1647	3
Westby, Geo. W.	1334	3	Warrington, R. T.	1590	3
Wagar, Geo. E.	1520	2	Wasmer, Watson	55	1
Warren, M. C.	1380	1	Williams, Henry	1646	3
Willox, Frank C.	1276	3	Weisemann, E. H.	148	3
Wiley, Wm. J.	1359	3	Wilson, R. C.	74	3
Whiting, C. C.	1209	2	Warden, Clarence	121	2
Walker, S. L.	1303	3	Williams, N.	99	1
Warner, H. F.	1571	2	Winwood, John H.	118	1
Whipple, H. H.	1405	1	Woolridge, M.	125	3
White, W. W.	1442	3	Wilson, Frank Jr.	34	3
Warner, L. J.	1581	3	Whittaker, Fred.	14	3
Wall, C. J.	1354	2	Wilson, Nels	599	3
Wilkin, Wm. L.	1538	3	Youkom, R. D.	443	2
Williams, Arthur	1428	3	Young, Jos.	446	3
Westling, John O.	1463	2	Young, Jas. P.	859	1
Walker, John F.	1517	3	Yongkan, John H.	808	3
Womack, E. F.	1456	3	Yotter, J.	1396	2
Way, J. W.	1370	3	Yotter, T. R.	1629	3
Waver, Geo. D.	1552	2	Zelsing, Fred.	224	1
Wedlake, Fred.	1407	2	Zweyberg, John	1491	3
White, P. E.	15	3	Zeeleniak, Metro	1507	3
White, P. E.	1563	3			

